SEQUENCE LISTING

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<110> Goldfarb, David S.
<120> MATERIALS AND METHODS FOR IDENTIFYING GENES AND/OR
      AGENTS THAT ALTER REPLICATIVE LIFESPAN
<130> 176/61481
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<141>
<150> 60/451,309
<151> 2003-02-28
<150> 60/468,467
<151> 2003-05-06
<160> 4
<170> PatentIn Ver. 2.1
<210> 1
<211> 628
<212> DNA
<213> Artificial Sequence
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<223> Description of Artificial Sequence: GAL1/10
      bi-directional promoter
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tttatggtta tgaagaggaa aaattggcag taacctggcc ccacaaacct tcaaattaac 420
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628

<213> Artificial Sequence <220> <223> Description of Artificial Sequence: HO promoter <400> 2 qttaaaagtt acatcctttt tttcattttt ccctacgctc agggcactgt actgcccgtg 60 cctgcgatga qatacatcaa tttaaaaaaa aaaccagcat gctataatgc tggagcaaaa 120 atttcaatca gaaatagaaa agacctcaac agtaattaac ccaaaggggt atcaaataat 180 cgatgtgctt tttcactcta cgaatgatct gtgagaaact gatttgggcc gaatcgcgta 240 aaaagtttga ttcgtggcgg ctaatgtctg aggggctcca acaggctcgt agagcctcgt 300 ttcttgaggg cacaaaatgt ccaggtaata ttcccaagaa agaaccgcag agtgctttga 360 taaatcggtt acaggtctta acgtaggttt tgtctcgcta attgctattg agtaagttcg 420 atccgtttgg cgtcttttgg ggtgtaacgc caaacttatt acttttccta tttgaggttg 480 gtattgattg ttgtcaaaga atgaaaatat acacaaacgc cacaatatac gtaccaggtt 540 cacgaaaact gatcgtatgg ttcataccct gacttggcaa acctaatgtg accgtcgctg 600 attagcggat cacqaaaagt gatctcgata caattagagg atccacgaaa atgatgtgaa 660 tgaatacatg aaagattcat gagatctgac aacatggtag acgtgtgtgt ctcatggaaa 720 ttgatgcagt tgaagacatg tgcgtcacga aaaaagaaat caatcctaca cagggcttaa 780 gggcaaatgt attcatgtgt gtcacgaaaa gtgatgtaac taaatacacg attaccatgg 840 aaattaacgt accttttttg tgcgtgtatt gaaatattat gacatattac agaaagggtt 900 cgcaagtcct gtttctatgc ctttctctta gtaattcacg aaataaacct atggtttacg 960 aaatgatcca cqaaaatcat gttattattt acatcaacat atcgcgaaaa ttcatgtcat 1020 qtccacatta acatcattgc agagcaacaa ttcattttca tagagaaatt tgctactatc 1080 acceactagt actaccattg gtacctacta ctttgaattg tactaccgct gggcgttatt 1140 aggtgtgaaa ccacgaaaag ttcaccataa cttcgaataa agtcgcggaa aaaagtaaac 1200 agctattgct actcaaatga ggtttgcaga agcttgttga agcatgatga agcgttctaa 1260 acgcactatt catcattaaa tatttaaagc tcataaaatt gtattcaatt cctattctaa 1320 atggetttta tttetattae aactattage tetaaateea tateeteata ageageaate 1380 aattctatct atactttaaa 1400 <210> 3 <211> 179 <212> DNA <213> Artificial Sequence <220> <223> Description of Artificial Sequence: cytochrome c transcription terminator <400> 3 agatccgctc taaccgaaaa ggaaggagtt agacaacctg aagtctaggt ccctatttat 60 ttttttatag ttatgttagt attaagaacg ttatttatat ttcaaatttt tctttttt 120 ctgtacagac gcgtgtacgc atgtaacatt atactgaaaa ccttgcttga gaaggtttt 179

<210> 4

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<212> DNA
<213> Saccharomyces cerevisiae
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